

In the Abstract

Please replace the Abstract with the following updated Abstract:

The present invention is directed to a system for current sensing including a first Hall effect sensor and a second Hall effect sensor constructed to provide feedback indicating current flow through a conductor susceptible to external magnetic flux. A housing is configured to position the first Hall effect sensor and the second Hall effect sensor about the conductor to provide generally magnitude equal feedback of the current flow through the conductor and generally polarity opposite feedback of the external magnetic flux.